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PHYCOLOGIA 1 (2/3) 1961

Phycological Literature for 1959

Compiled by P. C. SILVA
University of California, Berkeley, U.S.A.

This list is a continuation of the series previously published in the Phycological Society of America News Bulletin, covering the years 1954 through 1958. Most of the work was done at the University of Illinois and the University of California, and cordial thanks are due the staffs of the various libraries of these institutions for their cooperation. The delay in publishing the 1959 bibliography (for which apologies are extended to subscribers of *Phycologia*) was caused by unforeseen delays and difficulties incident to my move to Berkeley. Records for more than 1,450 serials had to be reestablished. This has finally been accomplished, and the 1960 list should appear early next year. As in previous years, regional lists have been provided by E. M. BURROWS and P. S. DIXON (Great Britain), T. CHRISTENSEN (Scandinavia), A. SLÁDEČKOVÁ (Czechoslovakia), and T. HORTOBÁGYI (Hungary). These major contributions are greatly appreciated, and additional regional compilers must be recruited in order to cover the field satisfactorily. I appreciate the thoughtfulness of those authors who have sent reprints, especially of articles appearing in publications not likely to be checked routinely. Major assistance was given by D. E. G. IRVINE, supported by a grant from the National Science Foundation of the U.S.A.

Titles of references with text in Romanian or any Oriental, Semitic, Baltic, Slavic, or Finno-Ugric language without English, French, or German summaries are translated into English and enclosed in brackets. Titles of references with text in Romanian or any Oriental, Semitic, Baltic, Slavic, or Finno-Ugric language with English, French, or German summaries are given in the language of the summary, with priority given to English. Titles of references with text in Esperanto or in Romance (except Romanian) or Teutonic languages are not translated and information as to summaries in other languages usually is not given. In the code for language, the first symbol designates the language of the text, subsequent symbols the language of summaries. Thus, (REG) means "text in Russian with English and German summaries." Symbols include A, Armenian; B, Bulgarian; C, Chinese; Cz, Czech; D, Danish; Du, Dutch; E, English; Esp, Esperanto; Est, Estonian; F, French; Fi, Finnish; G, German; H, Hebrew; I, Italian; Is, Icelandic; J, Japanese; K, Korean; L, Latin; Le, Lettish; Li, Lithuanian; M, Magyar; Mac, Macedonian; N, Norwegian; P, Polish; Pg, Portuguese; R, Russian; Ro, Romanian; S, Spanish; Se, Serbo-Croatian; Sw, Swedish; U, Ukrainian; Uz, Uzbek.

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Aaronson, S., and S. Scher. (Abstr.) Effect of the herbicide, 3-amino,1,2,4-triazole, on some photosynthetic protists. J. Protozool. 6(*suppl.*): 10. (*Euglena gracilis, Ochromonas danica, O. malhamensis*)

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Announcements

International Phycological Society

In order to facilitate the initial functioning of the Society, the Organizing Committee has agreed to serve as the Executive Council, with a system of rotation arbitrarily established on an alphabetical basis. Members of the Executive Council are as follows:

T. BRAARUD, Professor, Institutt for marin biologi, Avd. B, Universitetet i Oslo, Blindern, Norway (1961)

J. FELDMANN, Professeur à la Sorbonne, Laboratoire de Biologie végétale marine, 195 rue Saint-Jacques, Paris 5^{e}, France (1961)

G. E. FOGG, Professor of Botany, Westfield College, London N.W. 3, England (1961)

B. FOTT, Professor of Botany, Universita Karlova, Benátská 2, Praha, Czechoslovakia (1961–1962)

J. GERLOFF, Botanischer Garten und Museum, Königin-Luise-Strasse 6–8, Berlin-Dahlem, Germany (1961–1962)

M. O. P. IYENGAR, Professor emeritus of Botany, Madras University, Madras, India (1961–1962)

J. TH. KOSTER, Curator of Algae, Rijksherbarium, Nonnensteeg 1, Leiden, Netherlands (1961–1963)

Y. YAMADA, Professor of Botany, Hokkaido University, Sapporo, Japan (1961–1963)

A. D. ZINOVA, Botanical Institute of the Academy of Sciences of U.S.S.R., Popov Street 2, Leningrad 22, U.S.S.R. (1961–1963)

The remaining members of the Organizing Committee, T. CHRISTENSEN and P. C. SILVA, have transferred to the editorial staff of *Phycologia* (see below). The Editor (SILVA) will serve on the Executive Council *ex officio*.

Officers for 1961, as elected by the Executive Council, include J. FELDMANN, President; J. TH. KOSTER, Secretary; and J. GERLOFF, Treasurer.

At the end of 1961, seats on the Executive Council will be vacated by T. BRAARUD, J. FELDMANN, and G. E. FOGG. Members are invited to suggest to the Secretary possible candidates for these three seats. The final slate of candidates, comprising two names for each vacancy, will be selected by the Council pursuant to the guiding principle that the Council shall reflect the international composition of the membership as well as the diversity of interests. Ballots will be distributed to the membership during the last quarter of the year.

Phycologia

The editorial office has been established in the Department of Botany, University of California, Berkeley 4, California, U.S.A., with P. C. SILVA serving as Editor. Liaison between the Society and the printer will be provided by T. CHRISTENSEN, Universitetets Institut for Sporeplanter, Gothersgade 140, København K., Denmark, in his capacity as Assistant Editor.

The 1959 phycological literature list, reprinted on only one side of the page, as announced in the previous issue of *Phycologia*, will be available from the Assistant Editor for $ 1.00. Members who wish to order this reprint and who have not yet done so are requested to do so at their earliest convenience. Payment may be deferred and included with the 1962 dues payment, but members using this method of payment should clearly indicate so when ordering.

Regional news-gatherers are urgently needed! Anyone wishing to act as representative for his country in the matter of assembling notes and news about phycologists and their activities is requested to write to the Editor for further information.

Recent Deaths

ROBERT B. GORDON, University of California, Berkeley, September 1, 1961.

HENNING HORN AF RANTZIEN, University of Stockholm, September 14, 1960.

FRÈRE IRÉNÉE-MARIE, La Pointe-du-Lac, Canada, February 28, 1960.

ROBERT W. KOLBE, Swedish Museum of Natural History, Stockholm, March 9, 1960.

MARIE FRANÇOISE EMILIE NICOLAI, Hydrobiologisch Instituut, Nieuwersluis, Netherlands, March 13, 1961.

SOKICHI SEGAWA, Kyushu University, Fukuoka, Japan, November 4, 1960.

THOMAS ALAN STEPHENSON, University College of Wales, Aberystwyth, April 3, 1961.

NILS SVEDELIUS, University of Uppsala, August 2, 1960.

AUGUST THIENEMANN, Hydrobiologische Anstalt der Max-Planck-Gesellschaft, Plön, Germany, April 22, 1960.

WILHELM VISCHER, Botanisches Institut der Universität, Basel, June 2, 1960.

Book Notices

A. VAN DER WERFF & H. HULS: Diatomeeënflora van Nederland. Afl. 1 (1957), 60 pp. (including 50 with original figures). Afl. 2 (1958), 55 pp. (49 with original figures). Afl. 3 (1959), 56 pp. (53 with original figures). Afl. 4 (1960), 56 pp. (53 with original figures). Afl. 5 (1961), 58 pp. (51 with original figures). To be completed with 5 more parts. Price: Afl. 1 & 2, Hfl. 4.50 = £ 0/9/– each; afl. 3, Hfl. 4.80 = £ 0/9/8; afl. 4 & 5, Hfl. 5.20 = £ 0/10/5 each. Can be ordered from A. VAN DER WERFF, Stationsstraat 60, Abcoude, Netherlands.

Hydrobiologie van de Oisterwijkse Vennen. By members of the Netherlands' Hydrobiological Society. Publ. 5 Hydrobiol. Ver. Amsterdam. 1960. 90 pp., ill., maps, tables. Hfl. 8 = £ 0/16/– = $ 2.23.

The Choorven complex, comprising five pools of different size in the province of Noord-Brabant, Netherlands, belongs to the Society for the Promotion of Nature Reserve. In 1948 the Voorste Choorven was discovered to be much polluted by illegally deposited sewage. Consequently a more or less saprobic vegetation had developed in the original mesotrophic pool. Hardly any open water was left by the accelerated growth of the shore vegetation. In order to restore the original situation, the water and the mud were dredged out. Afterwards the pool was refilled by rain and percolating water, and, to a minor extent, by water taken from the pool before dredging. A similar operation was carried out in the communicating Witven. The other pools, including the oligotrophic Achterste Choorven, were left undisturbed.

The problem was to find out whether the operation had been successful or not.

The chapters about algae are by J. HEIMANS (desmids), W. GRAAFLAND (parasitic fungi of desmids), A. VAN DER WERFF (diatoms), H. DE VRIES and J. TH. KOSTER (several other groups of algae). Most chapters are provided with an English summary.

The book can be ordered either from Dr. J. RINGELBERG, Secretary of the Hydrobiologische Veneniging, Griftkade 5, Utrecht, or from the Vereniging tot Behoud van Natuurmonumenten in Nederland, Heerengracht 540, Amsterdam-C, Netherlands. — J. TH. KOSTER.

Fellowships

Fellowships in marine planktonological research to be conducted at the Sandy Hook Marine Laboratory are being offered by Columbia University's Lamont Geological Observatory. The fellowships, open to qualified students of any nationality, will be limited, in general, to $ 1500 plus transportation. A research vessel is available at Sandy Hook for field work. (Director, Sandy Hook Marine Laboratory, P. O. Box 428, Highlands, New Jersey, U.S.A.)

PHYCOLOGIA

Published quarterly (March, June, September, December) at Odense, Denmark, by the International Phycological Society.

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The subscription rate to *Phycologia* for libraries and non-members is $ 5.60 per annum. Subscription orders should be placed with the Editor. Membership in the Society is open to persons and organizations interested in any aspect of phycology. Annual dues are $ 2.80 for individual members, $ 5.60 for organizational members. Membership application blanks can be obtained from the Secretary or the Editor.

Information for Contributors

The primary purpose of *Phycologia* is to serve as a clearinghouse for phycological information. Examples of newsworthy items include announcements of meetings and excursions, requests for research or teaching materials, and reports of activities in laboratories and institutions. Members are urged to submit information of this nature. Review articles and brief reports of original research are also welcome. For the present time, at least, papers exceeding 8 printed pages will be published only when the author provides substantial financial support.

Contributions should by typewritten, double-spaced throughout. They may be written in English, French, German, Russian, or Spanish. As the use of italics, capital letters etc. is indicated in different ways in different countries, authors are requested to submit their manuscripts without underlinings of any kind.

ANDELSBOGTRYKKERIET I ODENSE

September 29, 1961

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